

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------|---|------------------|---------|------------------|
| L1 | 521 | 123/184.21.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/02 09:29 |
| L2 | 126 | 123/184.56.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/02 09:59 |
| L3 | 646 | 1 2 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/02 09:30 |
| L4 | 373 | 3 and 3 and manifold | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/02 10:00 |
| L5 | 248 | 4 and valve | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/02 10:00 |
| L6 | 227 | 5 and air | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/02 10:00 |
| L7 | 91 | 6 and seal | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/02 10:00 |
| L8 | 820 | 123/308.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | ON | 2006/07/02 09:59 |
| L9 | 900 | 123/470.ccls. | DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | ON | 2006/07/02 09:59 |
| L10 | 1412 | 123/585.ccls. | DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | ON | 2006/07/02 09:59 |

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| L11 | 537 | 123/336.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/02 09:59 |
| L12 | 843 | 123/456.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/02 09:59 |
| L13 | 4289 | 8 9 10 11 12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/02 09:59 |
| L14 | 1488 | 13 and manifold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/02 10:00 |
| L15 | 1330 | 14 and valve | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/02 10:00 |
| L16 | 328 | 15 and seal | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/02 10:00 |
| L17 | 287 | 16 and air | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/02 10:00 |
| L19 | 59 | (air and seal\$3 and manifold and cylinder and valve).clm. | US-PGPUB | OR | ON | 2006/07/02 10:33 |
| L20 | 31 | (engine and air and seal\$3 and manifold and cylinder and (valve or flapper))[clm] | US-PGPUB | OR | ON | 2006/07/02 10:34 |
| S1 | 459 | 123/184.21.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/02 09:29 |
| S2 | 110 | 123/184.56.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 14:48 |

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| S3 | 973 | 123/306.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:32 |
| S4 | 797 | 123/470.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 14:53 |
| S5 | 2317 | S1 S2 S3 S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 15:56 |
| S6 | 796 | S5 and manifold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:05 |
| S7 | 340 | S6 and seal\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:05 |
| S8 | 21 | S6 and carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:05 |
| S10 | 1388 | 123/585.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:05 |
| S11 | 474 | S10 and manifold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:05 |
| S13 | 111 | S11 and seal\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:05 |
| S14 | 6 | S13 and carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:06 |

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|-----|--------|------------------|---|----|----|------------------|
| S15 | 5098 | swirl with valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:32 |
| S16 | 359 | S3 and S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:32 |
| S17 | 122192 | injector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:32 |
| S18 | 73 | S16 and S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2004/12/13 16:33 |
| S19 | 293 | 123/184.21.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:05 |
| S20 | 86 | 123/184.56.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:28 |
| S21 | 379 | S19 S20 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:05 |
| S22 | 143 | S21 and seal | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:19 |
| S23 | 5 | S22 and carrier | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:21 |
| S24 | 114 | S22 and manifold | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:21 |
| S25 | 90 | S24 and valve | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:21 |
| S26 | 482 | 123/306.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:28 |
| S27 | 640 | 123/470.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:28 |

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| S28 | 1014 | 123/585.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:28 |
| S29 | 369 | 123/336.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:29 |
| S30 | 2472 | S26 S27 S28 S29 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:29 |
| S31 | 548 | S30 and seal | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:29 |
| S32 | 277 | S31 and manifold | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:29 |
| S33 | 224 | S32 and valve | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:29 |
| S34 | 17 | S33 and carrier | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/28 10:57 |
| S35 | 2 | (air and induction and seal\$3 and manifold and cylinder and valve).clm. | US-PGPUB | OR | ON | 2005/11/28 10:59 |
| S36 | 53 | (air and seal\$3 and manifold and cylinder and valve).clm. | US-PGPUB | OR | ON | 2006/07/02 10:33 |
| S37 | 0 | "10082293".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/03 12:45 |
| S38 | 2 | "10082293" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/03 12:46 |
| S39 | 2607 | dietz.inv. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/03 12:48 |
| S40 | 21002 | fischer.inv. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/03 12:48 |
| S41 | 7 | S39 and S40 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/03 12:48 |

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| S42 | 510 | 123/184.21.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/15 05:19 |
| S43 | 119 | 123/184.56.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/15 05:19 |
| S44 | 999 | 123/306.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/15 05:19 |
| S45 | 881 | 123/470.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/15 05:20 |
| S46 | 2481 | S42 S43 S44 S45 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/15 05:20 |
| S47 | 881 | S46 and manifold | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/15 05:20 |
| S48 | 26 | S47 and carrier | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/15 05:20 |
| S49 | 18 | S48 and seal | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/02/15 05:20 |
| S50 | 85 | 123/326.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 05:21 |
| S51 | 522 | 123/184.21.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/01 13:00 |
| S52 | 126 | 123/184.56.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/07/01 13:00 |